

Patent

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF: Copeland et al
CASE NO.: PH-7134
SERIAL NO.: Unknown
FILING DATE: March 15, 2001-03-15
FOR: PEPTIDASE-CLEAVABLE, TARGETED ANTINEOPLASTIC DRUGS
AND THEIR THERAPEUTIC USE
GROUP NUMBER: UNASSIGNED
EXAMINER: UNASSIGNED

Assistant Commissioner for Patents
Washington, DC 20231

**SUBMISSION OF SEQUENCE LISTING & COMPUTER READABLE COPY FOR
INVENTION CONTAINING AMINO ACID SEQUENCE**

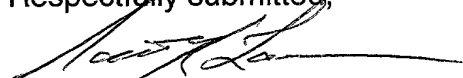
Sir:

Submitted herewith is/are:

- A. "Sequence Listing(s)" for the nucleotide and/or amino acid sequence(s) in this application. Each "Sequence Listing" is assigned a separate identifier as required in 37 C.F.R. §1.821(c) and 37 C.F.R. § 1.822 and 1.823.
- B. A copy of each "Sequence Listing" submitted for this application in computer readable form, in accordance with the requirements of 37 CFR §§ 1.821(e) and 1.824.
- C. A statement that the content of each "Sequence Listing" submitted and each computer readable copy are the same, as required in 37 C.F.R. § 1.821(g).

I hereby state that the information recorded in computer readable form is identical to the written sequence enclosed herein, respectively, and that the Listing does not introduce any new matter.

Respectfully submitted,



Scott K. Larsen, Ph.D., J.D.

Attorney for Applicants

Registration No. 38,532

Telephone: (302) 992-2368

Dated: March 15, 2001

EXPRESS MAIL NUMBER: EL387242709US – MAILING DATE: MARCH 15, 2001

SEQUENCE LISTING.txt

SEQUENCE LISTING

<110> DuPont Pharmaceuticals Company

<120> Peptidase-cleavable, targeted antineoplastic drugs and their therapeutic use

<130> PH-7134

<150> 60/189,387

<151> 2000-03-15

<160> 210

<170> PatentIn version 3.0

<210> 1

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> 4-methoxy-benzenesulfonyl-beta-alanine

<220>

<221> MOD_RES

<222> (3)..(3)

<223> homophenylalanine

<400> 1

Xaa Gly Xaa Tyr Leu

1

5

<210> 2

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

SEQUENCE LISTING.txt

<222> (1)..(1)
<223> 1,2-C6H4(CO)2-histidine

<220>
<221> MOD_RES
<222> (3)..(3)
<223> homophenylalanine

<400> 2

Xaa Gly Xaa Tyr Leu
1 5

<210> 3
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 3

Xaa Leu Gly Leu Leu
1 5

<210> 4
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 4

Xaa Leu Gly Leu Leu

SEQUENCE LISTING.txt

1

5

<210> 5
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (2)..(2)
<223> beta alanine

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 5

Xaa Xaa Gly Leu Leu
1 5

<210> 6
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (2)..(2)
<223> 4-aminobutyric acid

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 6

Xaa Xaa Gly Leu Leu
1 5

SEQUENCE LISTING.txt

<210> 7
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> cyclohexylalanine

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<400> 7

Xaa Xaa Gly Leu Leu
 1 5

<210> 8
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<400> 8

Pro Leu Gly Leu Leu
 1 5

<210> 9
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> MeOCH₂CH₂OCH₂(=O)-proline

SEQUENCE LISTING.txt

<400> 9

Xaa Leu Gly Leu Leu
1 5

<210> 10

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> MeOCH₂CH₂OCH₂CH₂OCH₂C(=O)-proline

<400> 10

Xaa Leu Gly Leu Leu
1 5

<210> 11

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> H₂NCH₂CH₂N(CH₂CH₂)₂NCH₂C(=O)-proline

<400> 11

Xaa Leu Gly Leu Leu
1 5

<210> 12

<211> 5

<212> PRT

<213> Artificial

<220>

SEQUENCE LISTING.txt

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> AcHNCH2CH2N(CH2CH2)2NCH2C(=O)-proline

<400> 12

Xaa Leu Gly Leu Leu
1 5

<210> 13

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> AcN(CH2CH2)2NCH2C(=O)-proline

<400> 13

Xaa Leu Gly Leu Leu
1 5

<210> 14

<211> 4

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (4)..(4)

<223> O-benzyl-serine

<400> 14

Pro Leu Gly Xaa
1

SEQUENCE LISTING.txt

<210> 15
 <211> 4
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<400> 15

Xaa Leu Gly Leu
 1

<210> 16
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 16

Xaa Pro Leu Gly Leu
 1 5

<210> 17
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (3)..(3)
 <223> sarcosine (N-methylglycine)

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<400> 17

Xaa Pro Arg Xaa Xaa Leu
 1 5

<210> 18
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<400> 18

Xaa His Gly Xaa Leu
 1 5

<210> 19
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

SEQUENCE LISTING.txt

Xaa Xaa Gly Xaa Leu
1 5

<210> 21
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (2)..(2)
<223> N5-aminocarbonylornithine

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 21

Xaa Xaa Gly Xaa Leu
1 5

<210> 22
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)

SEQUENCE LISTING.txt

<223> (O-(3-pyridyl-)) tyrosine

<400> 22

Xaa Leu Gly Xaa Leu
1 5

<210> 23

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> (O-(4-pyridyl-)) tyrosine

<400> 23

Xaa Leu Gly Xaa Leu
1 5

<210> 24

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> (4-aza-) homophenylalanine

SEQUENCE LISTING.txt

<400> 24

Xaa Leu Gly Xaa Leu
1 5

<210> 25

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> (O-benzyl-) serine

<400> 25

Xaa Leu Gly Xaa Leu
1 5

<210> 26

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> carbobenzyloxy-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> (O-(4-pyridylmethyl-)) tyrosine

SEQUENCE LISTING.txt

<400> 26

Xaa Leu Gly Xaa Leu
1 5

<210> 27

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (3)..(3)

<223> sarcosine (N-methylglycine)

<400> 27

Xaa Leu Xaa Leu Leu
1 5

<210> 28

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (2)..(2)

<223> (N-Me-) leucine

SEQUENCE LISTING.txt

<400> 28

Xaa Xaa Gly Leu Leu
1 5

<210> 29

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> (N-Me-) leucine

<400> 29

Xaa Leu Gly Xaa Leu
1 5

<210> 30

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl 4-hydroxyproline

<400> 30

Xaa Leu Gly Leu Leu
1 5

<210> 31

<211> 5

SEQUENCE LISTING.txt

<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-(thiazolidine-4-carbonyl)

<400> 31

Xaa Leu Gly Leu Leu
1 5

<210> 32
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-(Homo-proline)

<400> 32

Xaa Leu Gly Leu Leu
1 5

<210> 33
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-(Homo-proline)

<220>

SEQUENCE LISTING.txt

<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 33

Xaa Leu Gly Xaa Leu
1 5

<210> 34
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-(Homo-proline)

<220>
<221> MOD_RES
<222> (2)..(2)
<223> ornithine

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 34

Xaa Xaa Gly Xaa Leu
1 5

<210> 35
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES

SEQUENCE LISTING.txt

<222> (1)..(1)
<223> acetyl-Nipecotate

<400> 35

Xaa Leu Gly Leu Leu
1 5

<210> 36
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-2-carboxyazetidine

<400> 36

Xaa Leu Gly Leu Leu
1 5

<210> 37
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-cyclohexylglycine

<400> 37

Xaa Leu Gly Leu Leu
1 5

<210> 38
<211> 5
<212> PRT
<213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment
 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> valerolactam

<400> 38

Xaa Xaa Gly Leu Leu
 1 5

<210> 39
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 39

Xaa Pro Leu Gly Leu Phe
 1 5

<210> 40
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)

SEQUENCE LISTING.txt

<223> acetyl-glycine

<400> 40

Xaa Pro Leu Gly Phe Phe
1 5

<210> 41

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-leucine

<400> 41

Xaa Gly Leu Tyr Leu
1 5

<210> 42

<211> 5

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> cyclopropylcarbonyl-leucine

<400> 42

Xaa Gly Leu Tyr Leu
1 5

<210> 43

<211> 5

<212> PRT

<213> Artificial

SEQUENCE LISTING.txt

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> cyclobutylcarbonyl-leucine

<400> 43

Xaa Gly Leu Tyr Leu
1 5

<210> 44
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> pivaloyl-leucine

<400> 44

Xaa Gly Leu Tyr Leu
1 5

<210> 45
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> 4-hydroxproline

<400> 45

Xaa Gly Pro Leu Gly Leu Leu
1 5

SEQUENCE LISTING.txt

<210> 46
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 46

Xaa Leu Gly Leu Ala Leu
1 5

<210> 47
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 47

Xaa Leu Gly Leu Tyr Leu
1 5

<210> 48
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> polyethyleneglycol-proline

SEQUENCE LISTING.txt

<400> 48

Xaa Leu Gly Leu Tyr Leu
1 5

<210> 49

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> H3CC(=O)NH-polyethyleneglycol-proline

<400> 49

Xaa Leu Gly Leu Tyr Leu
1 5

<210> 50

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> AcHNCH2CH2N(CH2CH2)2NCH2C(=O)-proline

<400> 50

Xaa Leu Gly Leu Tyr Leu
1 5

<210> 51

<211> 6

<212> PRT

<213> Artificial

<220>

SEQUENCE LISTING.txt

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<400> 51

Xaa Leu Gly Leu Ser Leu
1 5

<210> 52

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<400> 52

Xaa Pro Leu Gly Leu Leu
1 5

<210> 53

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> O(CH₂CH₂)NCH₂CH₂NHC(=O)-glycine

<400> 53

Xaa Pro Leu Gly Leu Leu
1 5

SEQUENCE LISTING.txt

<210> 54
 <211> 6
 <212> PRT
 <213> Artificial

 <220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 54

Xaa Pro Leu Gly Leu Tyr
 1 5

<210> 55
 <211> 6
 <212> PRT
 <213> Artificial

 <220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<400> 55

Xaa Leu Gly Leu Leu Leu
 1 5

<210> 56
 <211> 6
 <212> PRT
 <213> Artificial

 <220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> biphenylalanine

<400> 56

Xaa Pro Leu Gly Xaa Phe
 1 5

<210> 57
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> norleucine

<400> 57

Xaa Pro Leu Gly Xaa Phe
 1 5

<210> 58
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> carbobenzyloxy-glycine

SEQUENCE LISTING.txt

<400> 58

Xaa Pro Leu Gly Leu Leu
1 5

<210> 59

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> AcHNCH2CH2N(CH2CH2)2NCH2C(=O)-glycine

<400> 59

Xaa Pro Leu Gly Leu Leu
1 5

<210> 60

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> H2NCH2CH2N(CH2CH2)2NCH2C(=O)-glycine

<400> 60

Xaa Pro Leu Gly Leu Leu
1 5

<210> 61

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<400> 61

Xaa Pro Leu Gly Leu Leu
 1 5

<210> 62
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-gamma-glutamic acid

<400> 62

Xaa Pro Leu Gly Leu Leu
 1 5

<210> 63
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> 3-thienylalanine

<400> 63

SEQUENCE LISTING.txt

Xaa Pro Leu Gly Xaa Phe
1 5

<210> 64
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2-phenylglycine

<400> 64

Xaa Pro Leu Gly Xaa Phe
1 5

<210> 65
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> methoxyacetyl-glycine

<400> 65

Xaa Pro Leu Gly Leu Leu
1 5

<210> 66
<211> 6
<212> PRT

SEQUENCE LISTING.txt

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N,N-dimethylglycine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> 3-thienylalanine

<400> 66

Xaa Pro Leu Gly Xaa Leu
1 5

<210> 67

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> N,N-dimethylglycine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> 2-phenylglycine

<400> 67

Xaa Pro Leu Gly Xaa Leu
1 5

<210> 68

<211> 6

<212> PRT

<213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment
 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> O-benzyl-tyrosine

<400> 68

Xaa Pro Leu Gly Xaa Leu
 1 5

<210> 69
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> biphenylalanine

<400> 69

Xaa Pro Leu Gly Xaa Leu
 1 5

<210> 70
 <211> 6
 <212> PRT
 <213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> biphenylalanine

<400> 70

Xaa Pro Leu Gly Phe Xaa
 1 5

<210> 71
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> biphenylalanine

<400> 71

Xaa Pro Leu Gly Leu Xaa
 1 5

<210> 72
 <211> 6
 <212> PRT
 <213> Artificial

<220>

SEQUENCE LISTING.txt

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> 2-naphthylalanine

<220>

<221> MOD_RES

<222> (6)..(6)

<223> biphenylalanine

<400> 72

Xaa Pro Leu Gly Xaa Xaa
1 5

<210> 73

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<400> 73

Xaa Pro Leu Gly Phe Ala
1 5

<210> 74

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> biphenylalanine

<400> 74

Xaa Pro Leu Gly Xaa Ala
 1 5

<210> 75
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 75

Xaa Pro Leu Gly Leu Ala
 1 5

<210> 76
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> O-benzyl-tyrosine

<400> 76

Xaa Pro Leu Gly Xaa Phe
 1 5

<210> 77
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 77

Xaa Pro Gln Gly Leu Leu
 1 5

<210> 78
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 78

Xaa Pro Arg Gly Leu Leu
 1 5

<210> 79
 <211> 6

SEQUENCE LISTING.txt

<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> 4-pyridyl-alanine

<400> 79

Xaa Pro Leu Gly Leu Xaa
1 5

<210> 80
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 80

Xaa Pro Leu Gly Leu Arg
1 5

<210> 81
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>

SEQUENCE LISTING.txt

<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 81

Xaa Pro Leu Gly Leu Trp
1 5

<210> 82
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 82

Xaa Pro Leu Gly Val Leu
1 5

<210> 83
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> homophenylalanine

<400> 83

SEQUENCE LISTING.txt

Xaa Pro Leu Gly Xaa Leu
1 5

<210> 84
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 84

Xaa Pro Leu Ala Leu Leu
1 5

<210> 85
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N,N-dimethylglycine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> biphenylalanine

<400> 85

Xaa Pro Ile Gly Xaa Leu
1 5

<210> 86
<211> 6
<212> PRT
<213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment
 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<220>
 <221> MOD_RES
 <222> (3)..(3)
 <223> cyclohexylglycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> biphenylalanine

<400> 86

Xaa Pro Xaa Gly Xaa Leu
 1 5

<210> 87
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 87

Xaa Pro Val Gly Leu Leu
 1 5

<210> 88
 <211> 6
 <212> PRT
 <213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<400> 88

Xaa Pro Ile Gly Leu Leu
 1 5

<210> 89
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> biphenylalanine

<400> 89

Xaa Pro Arg Gly Xaa Leu
 1 5

<210> 90
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> O-benzyl-tyrosine

<400> 90

Xaa Pro Leu Gly Leu Xaa
 1 5

<210> 91
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<400> 91

Xaa Pro Leu Gly Glu Leu
 1 5

<210> 92
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> biphenylalanine

SEQUENCE LISTING.txt

<400> 92

Xaa Pro Lys Gly Xaa Leu
1 5

<210> 93

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<400> 93

Xaa Pro Leu Gly Leu Glu
1 5

<210> 94

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> biphenylalanine

<400> 94

Xaa Pro Leu Gly Xaa Glu
1 5

<210> 95

SEQUENCE LISTING.txt

<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N,N-dimethylglycine

<220>
<221> MOD_RES
<222> (4)..(4)
<223> sarcosine (N-methylglycine)

<220>
<221> MOD_RES
<222> (5)..(5)
<223> homophenylalanine

<400> 95

Xaa Pro Arg Xaa Xaa Arg Leu
1 5

<210> 96
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N,N-dimethylglycine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> homophenylalanine

<400> 96

SEQUENCE LISTING.txt

Xaa Pro Arg Gly Xaa Arg Leu
1 5

<210> 97
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N,N-dimethylglycine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> biphenylalanine

<400> 97

Xaa Pro Arg Gly Xaa Arg Leu
1 5

<210> 98
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 98

Xaa Pro Leu Gly Asn Leu
1 5

<210> 99
<211> 6
<212> PRT

SEQUENCE LISTING.txt

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<400> 99

Xaa Pro Leu Gly Ser Leu
1 5

<210> 100

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-glycine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> 4-hydroxy-phenyl-glycine

<400> 100

Xaa Pro Leu Gly Xaa Leu
1 5

<210> 101

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

SEQUENCE LISTING.txt

<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 101

Xaa Leu Gly Xaa His Leu
1 5

<210> 102
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 102

Xaa Leu Gly Xaa Ala Leu
1 5

<210> 103
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)

SEQUENCE LISTING.txt

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homphenylalanine

<400> 103

Xaa Leu Gly Xaa Tyr Leu

1 5

<210> 104

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> morpholinylpropyl-glycine

<400> 104

Xaa Leu Gly Xaa Xaa Leu

1 5

<210> 105

<211> 7

<212> PRT

<213> Artificial

<220>

SEQUENCE LISTING.txt

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-gamma-glutamic acid

<220>

<221> MOD_RES

<222> (5)..(5)

<223> homophenylalanine

<400> 105

Xaa Pro Leu Gly Xaa Tyr Leu

1 5

<210> 106

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> succinyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<400> 106

Xaa Leu Gly Xaa Tyr Leu

1 5

<210> 107

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> (O-(4-pyridylmethyl)-tyrosine)

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<400> 107

Xaa Leu Gly Xaa Xaa Leu
 1 5

<210> 108
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homo-tyrosine

<400> 108

Xaa Leu Gly Xaa Tyr Leu
 1 5

<210> 109
 <211> 6

SEQUENCE LISTING.txt

<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 4-aza-homophenylalanine

<400> 109

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 110
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> (O-(4-pyridyl)-)-tyrosine)

<400> 110

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 111
<211> 6
<212> PRT

SEQUENCE LISTING.txt

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> phenylpropyl-glycine

<400> 111

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 112

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> styryl-alanine

<400> 112

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 113

<211> 6

<212> PRT

<213> Artificial

SEQUENCE LISTING.txt

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> O-benzyl-serine

<400> 113

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 114
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (2)..(2)
<223> N,N-dimethyl-lysine

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 114

Xaa Xaa Gly Xaa Tyr Leu
1 5

SEQUENCE LISTING.txt

<210> 115
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetylproline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> diaminopropionic acid

<400> 115

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 116
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> ornithine

<400> 116

Xaa Leu Gly Xaa Xaa Leu
 1 5

<210> 117
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> polyethyleneglycol-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> ornithine

<400> 117

Xaa Leu Gly Xaa Xaa Leu
 1 5

<210> 118
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-gamma-glutamic acid

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> ornithine

<400> 118

Xaa Pro Leu Gly Xaa Xaa Leu
 1 5

<210> 119
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> gamma-glutamic acid

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> ornithine

<400> 119

SEQUENCE LISTING.txt

Xaa Pro Leu Gly Xaa Xaa Leu
1 5

<210> 120
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (2)..(2)
<223> ornithine

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> ornithine

<400> 120

Xaa Xaa Gly Xaa Xaa Leu
1 5

<210> 121
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)

SEQUENCE LISTING.txt

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (2)..(2)

<223> ornithine

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<400> 121

Xaa Xaa Gly Xaa Tyr Leu
1 5

<210> 122

<211> 7

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-gamma-glutamic acid

<220>

<221> MOD_RES

<222> (3)..(3)

<223> ornithine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> homophenylalanine

<400> 122

Xaa Pro Xaa Gly Xaa Glu Leu
1 5

SEQUENCE LISTING.txt

<210> 123
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> ornithine

<400> 123

Xaa Xaa Gly Leu Tyr Leu
 1 5

<210> 124
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> 4-aza-phenylalanine

<400> 124

Xaa Xaa Gly Leu Tyr Leu
 1 5

<210> 125

SEQUENCE LISTING.txt

<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 2,4-diaminobutanoic acid

<400> 125

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 126
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 126

SEQUENCE LISTING.txt

Xaa Leu Gly Xaa Lys Leu
1 5

<210> 127
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N,N-dimethyl-lysine

<400> 127

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 128
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> N,N-dimethylglycine

<220>
<221> MOD_RES

SEQUENCE LISTING.txt

<222> (5)..(5)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> N,N-dimethyl-lysine

<400> 128

Xaa Pro Leu Gly Xaa Xaa Leu
1 5

<210> 129
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> polyethyleneglycol-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> N,N-dimethyl-lysine

<400> 129

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 130
<211> 7
<212> PRT
<213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-gamma-glutamic acid

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> N,N-dimethyl-lysine

<400> 130

Xaa Pro Leu Gly Xaa Xaa Leu
 1 5

<210> 131
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> gamma-glutamic acid

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> N,N-dimethyl-lysine

SEQUENCE LISTING.txt

<400> 131

Xaa Pro Leu Gly Xaa Xaa Leu
1 5

<210> 132

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> N,N-dimethyl-lysine

<220>

<221> MOD_RES

<222> (6)..(6)

<223> norleucine

<400> 132

Xaa Leu Gly Xaa Xaa Xaa
1 5

<210> 133

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> N,N-dimethyl-lysine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> cyclohexylalanine

<400> 133

Xaa Leu Gly Xaa Xaa Xaa
 1 5

<210> 134
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES

SEQUENCE LISTING.txt

<222> (5)..(5)
<223> N5-aminocarbonylornithine

<400> 134

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 135
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-gamma-glutamic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> N5-aminocarbonylornithine

<400> 135

Xaa Pro Leu Gly Xaa Xaa Leu
1 5

<210> 136
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)

SEQUENCE LISTING.txt

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<400> 136

Xaa Leu Gly Xaa Gln Leu

1 5

<210> 137

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> 4-aza-phenylalanine

<400> 137

Xaa Leu Gly Xaa Xaa Leu

1 5

<210> 138

<211> 6

<212> PRT

<213> Artificial

<220>

SEQUENCE LISTING.txt

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<400> 138

Xaa Leu Gly Xaa Val Leu

1 5

<210> 139

<211> 7

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-gamma-glutamic acid

<220>

<221> MOD_RES

<222> (5)..(5)

<223> homophenylalanine

<400> 139

Xaa Pro Leu Gly Xaa Glu Leu

1 5

<210> 140

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-glycine

<220>
 <221> MOD_RES
 <222> (2)..(2)
 <223> 2-carboxyazetidine

<400> 140

Xaa Xaa Leu Gly Leu Leu
 1 5

<210> 141
 <211> 5
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-(4-fluoro-phenylalanine)

<400> 141

Xaa Leu Gly Leu Leu
 1 5

<210> 142
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-homophenylalanine

SEQUENCE LISTING.txt

<400> 142

Xaa Leu Gly Leu Tyr Leu
1 5

<210> 143

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-homophenylalanine

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> ornithine

<400> 143

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 144

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-2-carboxyazetidine

<400> 144

SEQUENCE LISTING.txt

Xaa Leu Gly Leu Tyr Leu
1 5

<210> 145
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-2-carboxyazetidine

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> ornithine

<400> 145

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 146
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 146

SEQUENCE LISTING.txt

Xaa Leu Gly Leu Tyr Gly
1 5

<210> 147
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 147

Xaa Leu Gly Xaa Tyr Gly
1 5

<210> 148
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (6)..(6)
<223> beta-homo-leucine

<400> 148

Xaa Leu Gly Leu Tyr Xaa

SEQUENCE LISTING.txt

1

5

<210> 149
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> beta-homo-leucine

<400> 149

Xaa Leu Gly Xaa Tyr Xaa
1 5

<210> 150
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (6)..(6)
<223> beta-alanine

SEQUENCE LISTING.txt

<400> 150

Xaa Leu Gly Leu Tyr Xaa
1 5

<210> 151

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (6)..(6)

<223> 6-aminohexanoic acid

<400> 151

Xaa Leu Gly Leu Tyr Xaa
1 5

<210> 152

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (6)..(6)

<223> 4-amino-5-phenylpentanoic acid

SEQUENCE LISTING.txt

<400> 152

Xaa Leu Gly Leu Tyr Xaa
1 5

<210> 153

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (6)..(6)

<223> 4-amino-7-methylheptanoic acid

<400> 153

Xaa Leu Gly Leu Tyr Xaa
1 5

<210> 154

<211> 7

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<400> 154

Xaa Leu Gly Leu Leu Ala Leu
1 5

<210> 155

SEQUENCE LISTING.txt

<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<400> 155

Xaa Leu Gly Leu Tyr Ala Leu
1 5

<210> 156
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 156

Xaa Pro Leu Gly Leu Ala Leu
1 5

<210> 157
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

SEQUENCE LISTING.txt

<400> 157

Xaa Leu Gly Leu Ala Ala Leu
1 5

<210> 158

<211> 7

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<400> 158

Xaa Leu Gly Leu Ala Leu Leu
1 5

<210> 159

<211> 7

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<400> 159

Xaa Leu Gly Leu Leu Ser Leu
1 5

<210> 160

<211> 7

<212> PRT

<213> Artificial

<220>

<223> no comment

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<400> 160

Xaa Leu Gly Leu Leu Leu Leu
 1 5

<210> 161
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<400> 161

Xaa Pro Leu Gly Leu Tyr Leu
 1 5

<210> 162
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> N,N-dimethylglycine

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> 2-phenylglycine

<400> 162

SEQUENCE LISTING.txt

Xaa Pro Arg Gly Xaa Tyr Leu
1 5

<210> 163
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-glycine

<400> 163

Xaa Pro Leu Gly Leu Arg Leu
1 5

<210> 164
<211> 4
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> 4-(2-(5,6,7,8-tetrahydronaphthenyl))butyl-glycine

<220>
<221> MOD_RES
<222> (2)..(2)
<223> homophenylalanine

<400> 164

Xaa Xaa Tyr Leu
1

<210> 165
<211> 6
<212> PRT

SEQUENCE LISTING.txt

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> N-methylpiperazinepropyl-glycine

<400> 165

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 166

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> tetrazoleacetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<400> 166

Xaa Leu Gly Xaa Tyr Leu

SEQUENCE LISTING.txt

1

5

<210> 167
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> tetrazoleacetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> O-benzyl-serine

<400> 167

Xaa Leu Gly Xaa Tyr Leu

1

5

<210> 168
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> tetrazoleacetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> norleucine

SEQUENCE LISTING.txt

<400> 168

Xaa Leu Gly Xaa Tyr Xaa
1 5

<210> 169

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (4)..(4)

<223> O-benzyl-serine

<400> 169

Pro Leu Gly Xaa Tyr Leu
1 5

<210> 170

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> homo-tyrosine

SEQUENCE LISTING.txt

<400> 170

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 171

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (2)..(2)

<223> 4-aza-hydroxy-phenylalanine

<220>

<221> MOD_RES

<222> (4)..(4)

<223> 4-aza-hydroxy-phenylalanine

<400> 171

Xaa Xaa Gly Xaa Tyr Leu
1 5

<210> 172

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> O-allyl-serine

<400> 172

Xaa Leu Gly Xaa Tyr Leu
 1 5

<210> 173
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> 4-nitro-homophenylalanine

<400> 173

Xaa Leu Gly Xaa Tyr Leu
 1 5

<210> 174
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>

SEQUENCE LISTING.txt

<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> 4-aza-hydroxy-phenylalanine

<400> 174

Xaa Leu Gly Xaa Xaa Leu
1 5

<210> 175
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> O-methyl-serine

<400> 175

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 176
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES

SEQUENCE LISTING.txt

<222> (1)..(1)
<223> acetyl-gamma-glutamic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> O-benzyl-serine

<400> 176

Xaa Pro Leu Gly Xaa Tyr Leu
1 5

<210> 177
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-gamma-glutamic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> O-benzyl-serine

<220>
<221> MOD_RES
<222> (7)..(7)
<223> norleucine

<400> 177

Xaa Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 178
<211> 6
<212> PRT
<213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment
 <220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> 3-pyridinecarbonyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<400> 178

Xaa Leu Gly Xaa Tyr Leu
 1 5

<210> 179
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> 2-pyrazinecarbonyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<400> 179

Xaa Leu Gly Xaa Tyr Leu
 1 5

<210> 180
 <211> 6
 <212> PRT
 <213> Artificial

<220>

SEQUENCE LISTING.txt

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<220>

<221> MOD_RES

<222> (5)..(5)

<223> dimethyl-lysine

<220>

<221> MOD_RES

<222> (6)..(6)

<223> norleucine

<400> 180

Xaa Leu Gly Xaa Xaa Xaa

1

5

<210> 181

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (1)..(1)

<223> acetyl-proline

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

SEQUENCE LISTING.txt

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> homoserine

<400> 181

Xaa Leu Gly Xaa Tyr Xaa
 1 5

<210> 182
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> acetyl-proline

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homo-phenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> homo-leucine

<400> 182

Xaa Leu Gly Xaa Tyr Xaa
 1 5

<210> 183
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>

SEQUENCE LISTING.txt

<221> MOD_RES
<222> (1)..(1)
<223> acetyl-proline

<220>
<221> MOD_RES
<222> (4)..(4)
<223> O-benzyl-threonine

<400> 183

Xaa Leu Gly Xaa Tyr Leu
1 5

<210> 184
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> acetyl-gamma-glutamic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> homophenylalanine

<220>
<221> MOD_RES
<222> (7)..(7)
<223> norleucine

<400> 184

Xaa Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 185
<211> 7
<212> PRT
<213> Artificial

SEQUENCE LISTING.txt

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> gamma-glutamic acid

<220>
<221> MOD_RES
<222> (3)..(3)
<223> ornithine

<220>
<221> MOD_RES
<222> (5)..(5)
<223> homophenylalanine

<400> 185

Xaa Pro Xaa Gly Xaa Glu Leu
1 5

<210> 186
<211> 7
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (1)..(1)
<223> gamma-glutamic acid

<220>
<221> MOD_RES
<222> (5)..(5)
<223> O-benzyl-serine

<400> 186

Xaa Pro Leu Gly Xaa Tyr Leu
1 5

SEQUENCE LISTING.txt

<210> 187
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (1)..(1)
 <223> gamma-glutamic acid

<220>
 <221> MOD_RES
 <222> (5)..(5)
 <223> O-benzyl-serine

<220>
 <221> MOD_RES
 <222> (7)..(7)
 <223> norleucine

<400> 187

Xaa Pro Leu Gly Xaa Tyr Xaa
 1 5

<210> 188
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> O-benzyl-serine

<400> 188

Pro Leu Gly Xaa Tyr Leu
 1 5

SEQUENCE LISTING.txt

<210> 189
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (4)..(4)
<223> O-methyl-serine

<400> 189

Pro Leu Gly Xaa Tyr Leu
1 5

<210> 190
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 4-aza-hydroxy-phenylalanine

<400> 190

Pro Leu Gly Xaa Tyr Leu
1 5

<210> 191
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

SEQUENCE LISTING.txt

<400> 191

Pro Leu Gly Xaa Tyr Leu
1 5

<210> 192

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (4)..(4)

<223> homophenylalanine

<400> 192

Pro Leu Gly Xaa Glu Leu
1 5

<210> 193

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (4)..(4)

<223> O-benzyl-serine

<220>

<221> MOD_RES

<222> (6)..(6)

<223> norleucine

<400> 193

Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 194

SEQUENCE LISTING.txt

<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (4)..(4)
<223> O-methyl-serine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> norleucine

<400> 194

Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 195
<211> 6
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (4)..(4)
<223> 4-aza-hydroxy-phenylalanine

<220>
<221> MOD_RES
<222> (6)..(6)
<223> norleucine

<400> 195

Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 196
<211> 6

SEQUENCE LISTING.txt

<212> PRT
 <213> Artificial
 <220>
 <223> no comment
 <220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> norleucine

<400> 196

Pro Leu Gly Xaa Tyr Xaa
 1 5

<210> 197
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> norleucine

<400> 197

Pro Leu Gly Xaa Glu Xaa
 1 5

<210> 198
 <211> 6
 <212> PRT

SEQUENCE LISTING.txt

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (4)..(4)

<223> O-benzyl-serine

<220>

<221> MOD_RES

<222> (6)..(6)

<223> homoleucine

<400> 198

Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 199

<211> 6

<212> PRT

<213> Artificial

<220>

<223> no comment

<220>

<221> MOD_RES

<222> (4)..(4)

<223> O-methyl-serine

<220>

<221> MOD_RES

<222> (6)..(6)

<223> homoleucine

<400> 199

Pro Leu Gly Xaa Tyr Xaa
1 5

<210> 200

<211> 6

<212> PRT

<213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment

 <220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> 4-aza-hydroxy-phenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> homoleucine

<400> 200

Pro Leu Gly Xaa Tyr Xaa
 1 5

<210> 201
 <211> 6
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> homoleucine

<400> 201

Pro Leu Gly Xaa Tyr Xaa
 1 5

<210> 202
 <211> 6
 <212> PRT
 <213> Artificial

SEQUENCE LISTING.txt

<220>
 <223> no comment
 <220>
 <221> MOD_RES
 <222> (4)..(4)
 <223> homophenylalanine

<220>
 <221> MOD_RES
 <222> (6)..(6)
 <223> homoleucine

<400> 202

Pro Leu Gly Xaa Glu Xaa
 1 5

<210> 203
 <211> 4
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<400> 203

Pro Leu Gly Leu
 1

<210> 204
 <211> 7
 <212> PRT
 <213> Artificial

<220>
 <223> no comment

<400> 204

Pro Leu Gly Leu Leu Tyr Leu
 1 5

<210> 205
 <211> 5
 <212> PRT
 <213> Artificial

SEQUENCE LISTING.txt

<220>
<223> no comment

<400> 205

Gly Pro Leu Gly Leu
1 5

<210> 206
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<400> 206

Asp Pro Leu Gly Leu
1 5

<210> 207
<211> 5
<212> PRT
<213> Artificial

<220>
<223> no comment

<400> 207

Pro Glu Gln Gly Leu
1 5

<210> 208
<211> 4
<212> PRT
<213> Artificial

<220>
<223> no comment

<400> 208

Pro Gln Gly Leu
1

<210> 209
<211> 7
<212> PRT
<213> Artificial

SEQUENCE LISTING.txt

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (5)..(5)
<223> diphenylalanine

<400> 209

Pro Leu Gly Leu Xaa Ala Arg
1 5

<210> 210
<211> 4
<212> PRT
<213> Artificial

<220>
<223> no comment

<220>
<221> MOD_RES
<222> (4)..(4)
<223> homophenylalanine

<400> 210

Pro Leu Gly Xaa
1